

LAYOUT _____ INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: _____
APPROVAL DATE: _____

PERMIT

P _____
A 522010

TAX ID # 03347257

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

_____ IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Hofmeister Property LOT NUMBER: 2

ADDRESS: 13375 Forsythe Rd PROPERTY OWNER: John Gaske

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 214

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Distribution box location top center at highest elevation. See plan for system location.
NOTES:	Septic area must be staked prior to layout. Layout required prior to installation. Install per plan unless directed by HCHD. Repair systems have only 1' of sidewall.

PLANS APPROVED: Sara Sappington DATE: 10/30/07

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH _____ INLET _____ BOTTOM _____

NUMBER OF TRENCHES _____

TOTAL LENGTH _____

ABSORPTION AREA _____

DISTRIBUTION BOX LEVEL _____

DISTRIBUTION BOX BAFFLE _____

DISTRIBUTION BOX PORT _____

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SEPTIC TANK 2 LEVEL _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

ROAD

PRE-CONSTRUCTION _____

INSTALLATION _____

FINAL INSPECTOR _____ DATE OF APPROVAL _____

RECEIPT DATE: 12/12/12

P 544430

INSTALLATION APPROVAL DATE: _____

PERMIT

A _____

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

PROPERTY OWNER: John Gaske

OWNER'S ADDRESS: 13375 Forsythe Road PHONE: 443-463-2754

ADDRESS: 13375 Forsythe Road TAX ACC'T #: 03-347257

SUBDIVISION: Hofmeister Property LOT: 2

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

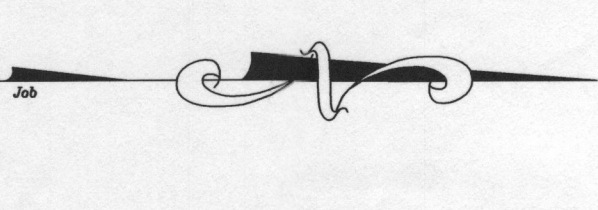
LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/12/12 EXPIRATION DATE: 12/12/13

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.



LEGEND

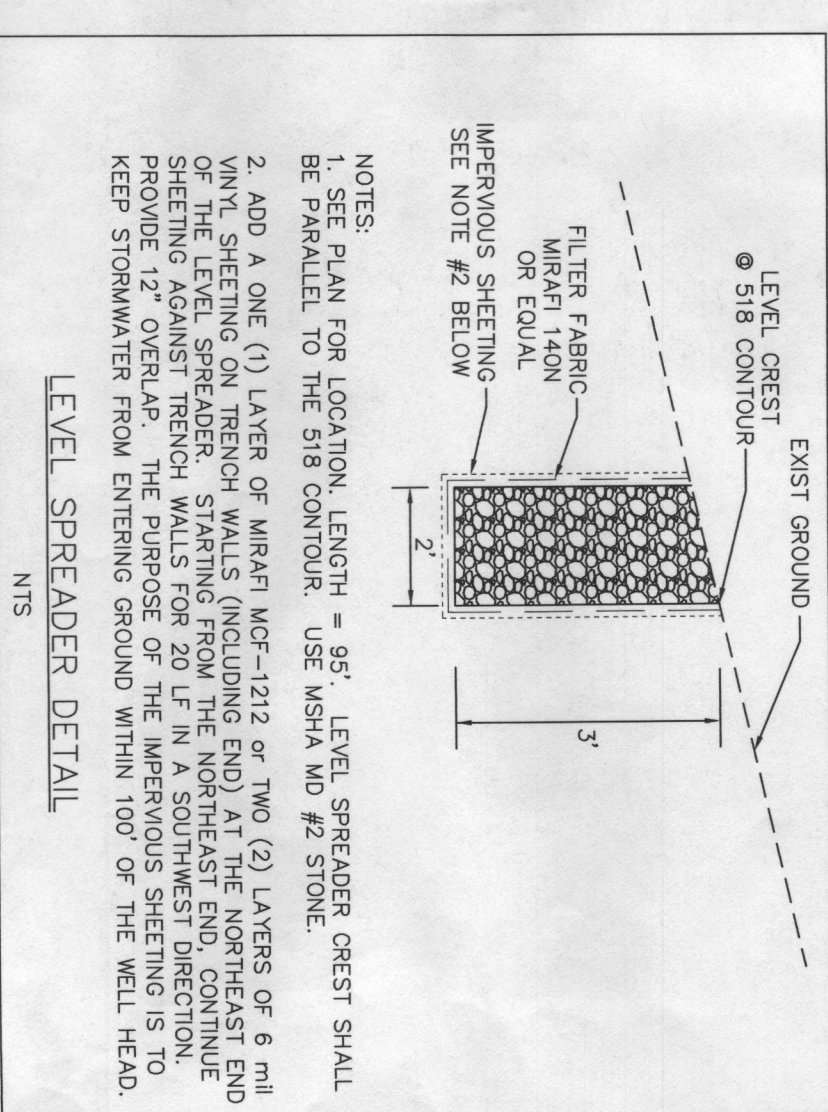
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- PROPOSED TREE LINE
- SOL LINES AND TYPES
- DENOTES PROPOSED WELL
- NON-ROOFTOP DISCONNECTION MANAGEMENT (SLOPE @ 5% MIN)
- STREAM BUFFER
- WETLAND BUFFER
- WETLAND AREA
- SEWAGE FORCE MAIN (2\"/>

GENERAL NOTES

1. ALL CONSTRUCTION SHALL FOLLOW HOWARD COUNTY STANDARDS AND SPECIFICATIONS WHERE APPLICABLE. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION (410.313.1880) AT LEAST 24 HOURS PRIOR TO BEGINNING ANY WORK.
2. THE CONTRACTOR SHALL CONTACT MISS UTILITY (1-800-297-7777) AT LEAST THREE (3) DAYS PRIOR TO ANY EXCAVATION.
3. REFER TO PLAT 68 AND ADJACENT PROPERTY LOTS 1, AND 2, AND ASSOCIATED SUPPLEMENTAL PLANS FOR OTHER NECESSARY WORK, CONDITIONS AND SITE REQUIREMENTS (E.G. LANDSCAPING).
4. THE TOPOGRAPHY HAS BEEN FIELD SURVEYED BY FISHER, COLLINS, & CARTER, INC. IN DECEMBER, 2005 AND SUPPLEMENTED BY HOWARD COUNTY GIS AERIAL CONTROL MAPPING. THE DRAINAGE SURFACE MAY BE 1\"/>

SEWAGE DISPOSAL AND SEPTIC SYSTEM ELEVATIONS

4\"/>



LEVEL SPREADER DETAIL

NOTES:
 1. SEE PLAN FOR LOCATION. LENGTH = 9\"/>

SEWAGE DISPOSAL AND SEPTIC SYSTEM NOTES

1. ALL CONSTRUCTION SHALL FOLLOW THE LATEST HOWARD COUNTY HEALTH DEPARTMENT CRITERIA (e.g., HOWARD COUNTY CODE, SUBTITLE 4, ON-SITE SEWAGE DISPOSAL SYSTEMS).
2. THE PUMP AND FORCE MAIN SIZE SHALL BE DETERMINED BY THE PUMP MANUFACTURER.
3. CONCRETE STRENGTH FOR THE SEPTIC TANK, PUMP STATION AND DISTRIBUTION BOX SHALL BE 4000 PSI MIN. @ 28 DAYS. ALL STRUCTURES SHALL MEET A.S.T.M. STANDARDS FOR PREFABRICATED STRUCTURES AND SHALL BE DESIGNED FOR THE INSTALLED DEPTH.
5. THE SEPTIC TANK TOP SLAB FINAL GRADE COVER SHALL BE 1.5' MINIMUM AND 3' MAXIMUM.
6. THIS PLAN MODIFIES THE LEVEL SPREADER DESIGN BY ADDING AN IMPERVIOUS SHEETING LAYER AT THE NORTHEAST END. SEE LEVEL SPREADER DETAIL NOTES THIS SHEET.
7. ALL CONCRETE STRUCTURES TO BE PLACED ON A FIRMLY COMPACTED SUBGRADE.

WELL LOCATION STATEMENT/CERTIFICATION
 The existing well shown on this plan (identified with well tag number HO-95-0402) has been located by Fisher, Collins, and Carter, Inc. (Howard County) and is accurately shown.

ATTESTMENT:
 MARK L. ROBERT, P.L.S., MD Lic. # *Mark L. Robert* P-339
 Generalist Seismic Office Park
 10272 Baltimore National Pike
 Ellicott City, MD 21042
 410.481.5585

THIS PLAN IS FOR SEPTIC SYSTEM CONSTRUCTION ONLY

OWNER
 MR. JOHN M. CASKE, III
 7508 Ridge Road
 Merrittsville, Maryland 21104

DEVELOPER/BUILDER
 MR. JOHN M. CASKE, III
 7508 Ridge Road
 Merrittsville, Maryland 21104

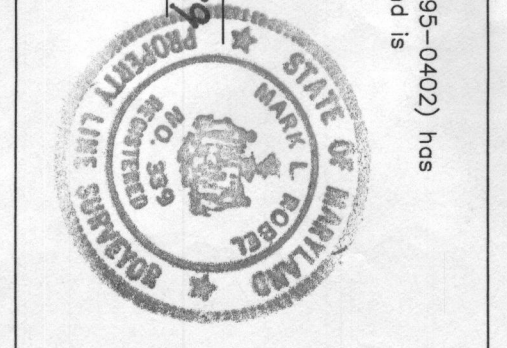
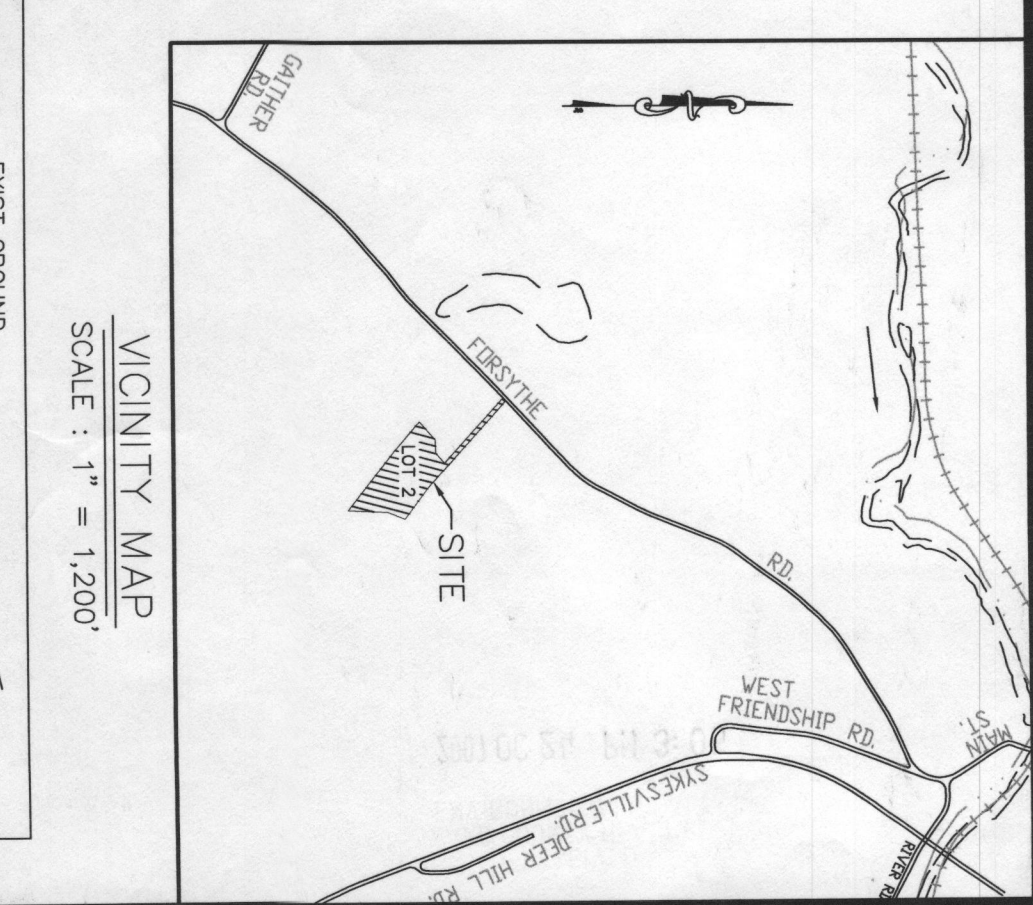
SEPTIC SYSTEM PLAN

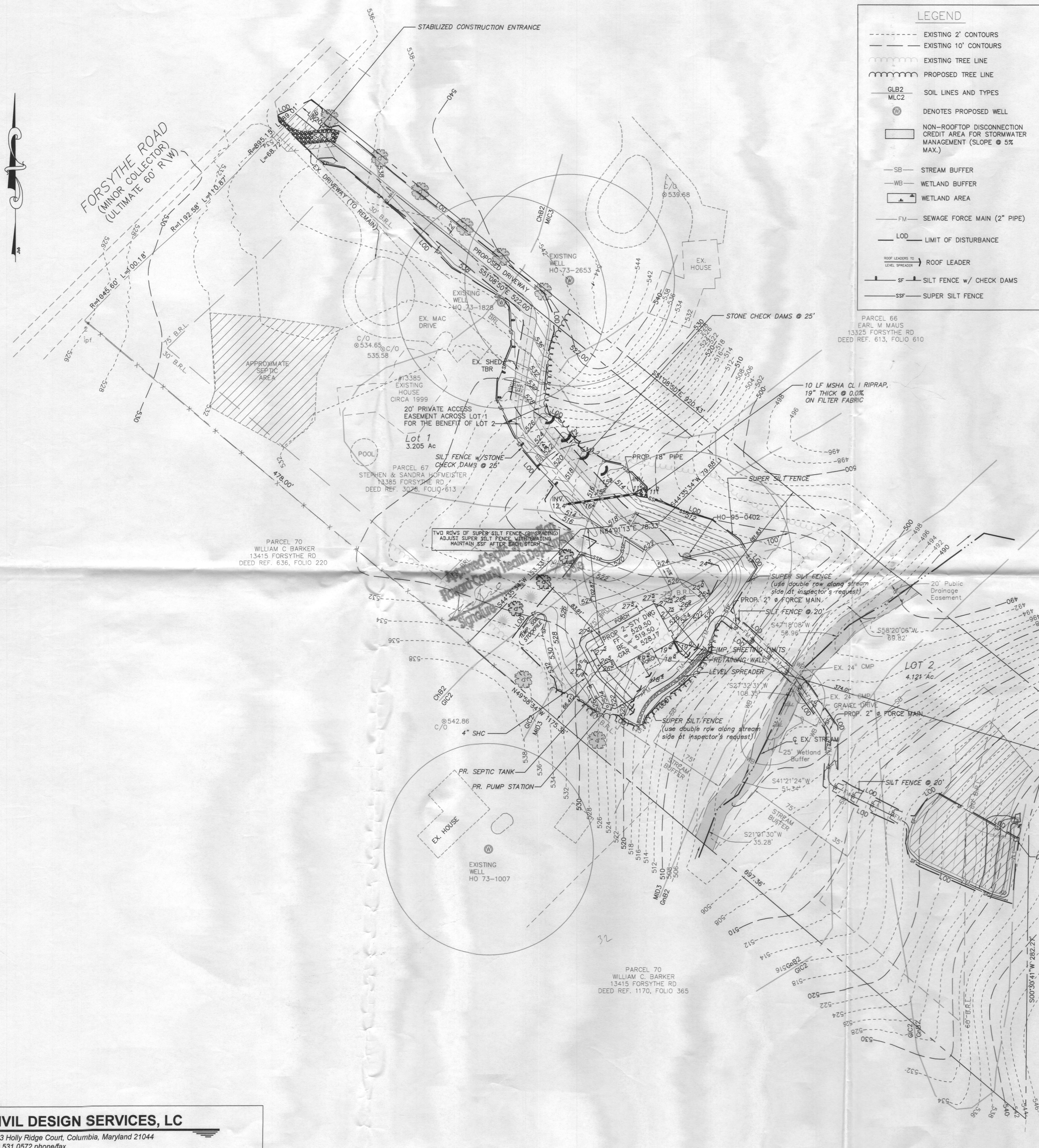
SINGLE FAMILY DETACHED

HOFMEISTER PROPERTY
LOT 2

13375 FORSYTHE ROAD,
 SYKESVILLE, MD 21784-1281

TAX MAP NO.: 4 PARCEL NO.: 67
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONING: RC-DEO
 SCALE: 1" = 50'
 DATE: OCTOBER 15, 2007
 SHEET 1 OF 1





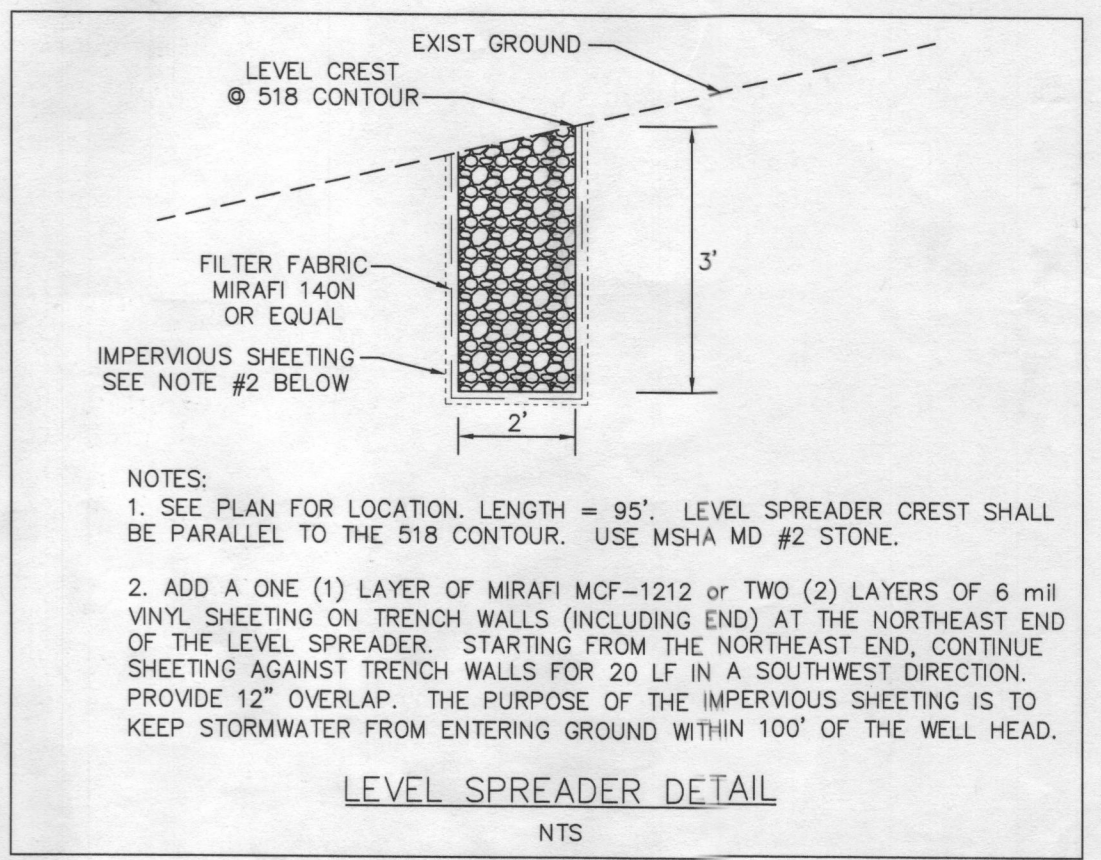
LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- PROPOSED TREE LINE
- GLB2 MLC2 SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- NON-ROOFTOP DISCONNECTION CREDIT AREA FOR STORMWATER MANAGEMENT (SLOPE @ 5% MAX.)
- SB STREAM BUFFER
- WB WETLAND BUFFER
- WETLAND AREA
- FM SEWAGE FORCE MAIN (2" PIPE)
- LOD LIMIT OF DISTURBANCE
- ROOF LEADERS TO LEVEL SPREADER
- SF SILT FENCE w/ CHECK DAMS
- SSF SUPER SILT FENCE

- GENERAL NOTES:**
- ALL CONSTRUCTION SHALL FOLLOW HOWARD COUNTY STANDARDS AND SPECIFICATIONS WHERE APPLICABLE. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION (410.313.1880) AT LEAST 24 HOURS PRIOR TO BEGINNING ANY WORK.
 - THE CONTRACTOR SHALL CONTACT "MISS UTILITY" (1-800-257-7777) AT LEAST THREE (3) DAYS PRIOR TO ANY EXCAVATION.
 - REFER TO PLAT F-05-080 (HOFMEISTER PROPERTY LOTS 1 AND 2) AND ASSOCIATED SUPPLEMENTAL PLANS FOR OTHER NECESSARY WORK, CONDITIONS, AND SITE REQUIREMENTS. (E.G., LANDSCAPING).
 - THE TOPOGRAPHY HAS BEEN FIELD SURVEYED BY FISHER, COLLINS, & CARTER, INC. IN DECEMBER, 2005 AND SUPPLEMENTED WITH HOWARD COUNTY GIS AERIAL CONTOUR MAPPING.
 - THE DRIVEWAY SURFACE MAY BE 1.5" OF TAR AND CHIP COATING IN LIEU OF ASPHALT.
 - THE RETAINING WALL SHOWN HEREIN SHALL NOT EXCEED THREE (3) FT IN HEIGHT.
 - CIVIL DESIGN SERVICES, LC IS NOT RESPONSIBLE FOR THE CONTRACTOR'S UTILIZATION OF WORKERS, MATERIALS AND SAFETY MEASURES FOR THE WORK ON PROJECT WORK. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR PERFORMING THE WORK CORRECTLY AND IN CONFORMANCE WITH APPLICABLE CODES, SPECIFICATIONS AND PLANS.
 - CIVIL DESIGN SERVICES, LC HAS NOT PERFORMED A SUBSURFACE INVESTIGATION TO DETERMINE THE LOCATIONS OF ROCK, SOIL CONDITIONS, WATER TABLE, UTILITY CONDUITS, ETC.
 - APPROXIMATE UTILITY LOCATIONS ARE SHOWN FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TEST PIT ALL KNOWN EXISTING UTILITIES TO VERIFY SIZE LOCATION SHAPE TYPE TO HIS/her SATISFACTION PRIOR TO CONSTRUCTION. UTILITY RELOCATIONS ARE THE RESPONSIBILITY OF THE OWNER, WHETHER SHOWN OR NOT. ANY UTILITY DAMAGED DUE TO CONSTRUCTION MUST BE REPAIRED IMMEDIATELY.
 - PER THE APPROVED SUPPLEMENTAL PLAN ALL DOWNSPOUTS/ROOF LEADERS SHALL BE DIRECTED TOWARD THE LEVEL SPREADER. EACH ROOF LEADER SHALL BE LIMITED TO 500 SF OF ROOF AREA. ADDITIONAL ROOF LEADERS FROM THE FRONT TO THE REAR OF THE HOUSE MAY BE NECESSARY.

SEWAGE DISPOSAL AND SEPTIC SYSTEM ELEVATIONS

4" SHC INV. @ HOUSE EXIT = 524.0
 PROP. GROUND AT @ HOUSE SHC EXIT = 527.0
 PROP. GROUND AT C/L SEPTIC TANK = 526.0
 SEPTIC TANK INV. IN = 522.5
 SEPTIC TANK INV. OUT = 522.2
 PROP. GROUND AT C/L PUMP STATION = 524.5
 PUMP STATION INV. IN = 520.5
 PROP. GROUND AT C/L DISTRIBUTION BOX = 531.2
 DISTRIBUTION BOX INV. IN = 528.0
 WELL ELEVATION = 517.±



- SEWAGE DISPOSAL AND SEPTIC SYSTEM NOTES**
- ALL CONSTRUCTION SHALL FOLLOW THE LATEST HOWARD COUNTY HEALTH DEPARTMENT CRITERIA (e.g., HOWARD COUNTY CODE, SUBTITLE 8, "ON-SITE SEWAGE DISPOSAL SYSTEMS").
 - THE PUMP AND FORCE MAIN SIZE SHALL BE DETERMINED BY THE PUMP MANUFACTURER.
 - CONCRETE STRENGTH FOR THE SEPTIC TANK, PUMP STATION AND DISTRIBUTION BOX SHALL BE 4,000 PSI MIN. @ 28 DAYS. ALL STRUCTURES SHALL MEET A.S.T.M. STANDARDS FOR PREFABRICATED STRUCTURES AND SHALL BE DESIGNED FOR THE INSTALLED DEPTH.
 - THE SEPTIC TANK TOP SLAB FINAL GRADE COVER SHALL BE 1.5' MINIMUM AND 3' MAXIMUM.
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ATTESTMENT:

MARK L. ROBEL, P.L.S., MD Lic. # 3391

TAX MAP 9
 PARCEL 94
 SAMUEL L. WARRFIELD
 910 DAY ROAD
 DEED REF. 5715 FOLIO 542

HOWARD COUNTY AGRICULTURAL
 LAND PRESERVATION EASEMENT
 #HO-85-04-E

THIS PLAN IS FOR SEPTIC SYSTEM
 CONSTRUCTION ONLY

OWNER
 MR. JOHN M. GASKE, III
 7508 Ridge Road
 Marriottsville, Maryland 21104

DEVELOPER/BUILDER
 MR. JOHN M. GASKE, III
 7508 Ridge Road
 Marriottsville, Maryland 21104

SEPTIC SYSTEM PLAN

SINGLE FAMILY DETACHED
**HOFMEISTER PROPERTY
 LOT 2**

13375 FORSTHE ROAD,
 SYKESVILLE, MD 21784-1281

TAX MAP NO: 4 PARCEL NO: 67
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 ZONING: RC-DEO
 SCALE: 1" = 50' DATE: OCTOBER 15, 2007
 SHEET 1 OF 1

CIVIL DESIGN SERVICES, LC
 6123 Holly Ridge Court, Columbia, Maryland 21044
 410.531.0572 phone/fax
 civildesign@comcast.net